

CHAPTER 6

REDESIGN OF FACILITY LAYOUT (RE-LAYOUT) ON CRACKERS PRODUCTION AT UD. SEKAR SURABAYA

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1. Introduction

One way to increase production productivity is to improve the arrangement of production sites that are not regular enough to cause ineffective and efficient activities. Various kinds of crossover can occur in the production process due to the inefficient layout of the facilities [1]. For example, the distance of the raw material storage warehouse is too far from the frying station, so it takes time for the frying process crackers, and the distance between the cracker steaming station and the drying place is too far away so that a more effective facility layout design is needed at UD. Sekar Layout arrangement is still not feasible due to the distance between the material warehouse and the work station, which is quite far; therefore, it is necessary to improve the facilities found at UD. Sekar Surabaya.

This is a problem in the layout of existing facilities at UD. Sekar, so that it is not effective in placing the raw materials for further production processes. Therefore, it is necessary to redesign the facility's layout, a flow of the cracker production process, and a practical placement of raw materials. The factory's design will be more visible if it is linked to activities in the company, such as in the production process where there are problems with time and fatigue that occur in workers [2]. A reasonable and appropriate facility